



CUSO Doctoral Program in Microbial Sciences

SATELLITE SSM ANNUAL MEETING 2016

BERN 13th June, 2016

Main organizers:

Prof. Volker Thiel

Vetsuisse/Univ. Bern & Institute for Virology and Immunology IVI

Prof. Gilbert Greub

Lausanne University Hospital

In 2016 the Swiss Society for Microbiology (SSM) and the Swiss Union for Laboratory Medicine (SULM) organize the 74th Annual congress of SSM as Swiss MedLab Conference from June 13-16, 2016. In the SSM part of the meeting, SSM organizes a series of Satellite Meetings on June 13, 2016 specifically dedicated to Ph.D students and young researchers. This one day SSM Satellite Meetings is supported by CUSO and consists of plenary talks presented by high-profile international experts organized in parallel sessions with the opportunity for Ph.D students of our program to present their work. The SSM Satellite Meetings will be followed by the regular SSM-Swiss MedLab Conference from June 14-16, 2016. The SSM Satellite Meetings will give our students visibility towards the larger Swiss microbiology community, promote the interaction of our students with members of SSM and SULM, and offer a career workshop for students.

PRELIMINARY PROGRAM OF THE SSM PART OF THE MEETING

June 13, 2016

Swiss Clinical Microbiology Symposium 2016

Kongressraum 1

09:00-09:15	Welcome Chaired by Jacques Schrenzel and Gilbert Greub
09:15-12:30	Session I
09:15-09:45	Clinical Metagenomics Etienne Ruppe, CH, Geneva
09:45-10:00	Short talk selected from abstracts
10:00-10:15	Short talk selected from abstracts
10:15-10:30	Short talk selected from abstracts
10:30-11:00	Coffee Break
	Session II
11:00-11:30	Bacterial genomics: clinical applications (Speaker not yet confirmed)
12:00-12:15	Short talk selected from abstracts
12:15-12:30	Short talk selected from abstracts
12:30-14:00	Lunch Break
13:00-14:00	Students' Skills and Career Workshop Foyer Nord Chaired by Alexis Dumoulin
13:00-13:30	How to get published Alina Helsloot, Elsevier, NL, Amsterdam
13:30-14:00	How to find a job outside of academia Tobias Ernberg, Coulter Partners, CH, Eysins
13:00-14:00	Lunchworkshop: BD Symposium

14:00-17:00**Session III**

14:00-14:30

Automation in molecular diagnosis: opportunities and difficulties

Katia Jatón-Ogay, CH, Lausanne

14:30-14:45

Short talk selected from abstracts

14:45-15:00

Short talk selected from abstracts

15:00-15:15

Short talk selected from abstracts

15:15-15:30

Short talk selected from abstracts

15:30-16:00**Coffee Break****16:00-18:00****Session IV****16:00-16:45****Workshop Axonlab**

16:45-17:15

Applications of MALDI-ToF MS beyond microbial identification

Jordi Vila, Spain, Barcelona

17:15-17:30

Short talk selected from abstracts

17:30-17:45

Short talk selected from abstracts

17:45-18:00

Short talk selected from abstracts

Students' Party**19:30 Eventforum Bern**

June 13, 2016

Swiss Prokaryotic Biology Symposium 2016

Kongressraum 2

09:00-09:15

Welcome

Chaired by Patrick Viollier

09:15-12:30

Session I: The envelope – from walls to molecules

09:15-09:45

Regulation of bacterial cell wall growth

Waldemar Vollmer, UK, Newcastle

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

10:30-11:00

Coffee Break

Session I: The envelope – from walls to molecules; continued

11:00-11:15

Short talk selected from abstracts

11:15-11:30

Short talk selected from abstracts

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

12:30-14:00

Lunch Break

13:00-14:00

Students' Skills and Career Workshop

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

13:00-14:00

Lunchworkshop: BD Symposium

14:00-17:00 Session II: The 3 Cs – cytoplasm, chromatin and chaperones

14:00-14:30 The complex life of poisons, antidotes and their chaperones

Pierre Genevaux, France, Toulouse

14:30-14:45 Short talk selected from abstracts

14:45-15:00 Short talk selected from abstracts

15:00-15:15 Short talk selected from abstracts

15:15-15:30 Short talk selected from abstracts

15:30-16:00 Coffee Break

16:00-16:15 Short talk selected from abstracts

16:15-16:30 Short talk selected from abstracts

16:30-18:00 Session III: Cell biology – seeing is believing

16:30-17:00 How bacterial cell biology can help identifying the mode of action of antimicrobial compounds

Leendert Hamoen, NL, Amsterdam

17:00-17:15 Short talk selected from abstracts

17:15-17:30 Short talk selected from abstracts

17:30-17:45 Short talk selected from abstracts

17:45-18:00 Short talk selected from abstracts

Students' Party

19:30 Eventforum Bern

June 13, 2016

Swiss Virology Symposium 2016

Foyer Nord

09:00-09:15

Welcome

Chaired by Volker Thiel, Stephen Leib, Meri Gorgievski

09:15-12:30

Session I: Antiviral defense

09:15-09:45

Antiviral defense in the phytopathogenic filamentous ascomycete, *Cryphonectria parasitica*

Nobuhiro Suzuki, Japan, Okayama

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

10:30-11:00

Coffee Break

Session II: Virological toolbox

11:00-11:30

xCELLigence® impedance-based, label-free, real-time cell analysis systems: A new method for innovative solutions in viral studies

Meri Gorgievski-Hrisoho, CH, Bern

11:30-12:00

Next generation sequencing as a helpful tool for virus detection

Claudia Bachofen, CH, Zürich

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

12:30-14:00

Lunch Break

13:00-14:00

Students' Skills and Career Workshop

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

13:00-14:00

Lunchworkshop: BD Symposium

14:00-17:00**Session III: Basic Virology (supported by CUSO)**

14:00-14:30

Novel antiviral strategies: peptides, RNAi and CRISPR-Cas
Ben Berkhout, NL, Amsterdam

14:30-14:45

Short talk selected from abstracts

14:45-15:00

Short talk selected from abstracts

15:00-15:15

Short talk selected from abstracts

15:15-15:30

Short talk selected from abstracts

15:30-16:00**Coffee Break****16:00-18:00****Session IV: Basic Virology***

16:00-16:30

Emerging human coronaviruses – pathogenesis and protection
Luis Enjuanes, Spain, Madrid

16:30-16:45

Short talk selected from abstracts

16:45-17:00

Short talk selected from abstracts

17:00-17:15

Short talk selected from abstracts

17:15-17:30

Short talk selected from abstracts

17:30-17:45

Short talk selected from abstracts

17:45-18:00

Short talk selected from abstracts

Students' Party**19:30 Eventforum Bern**

June 13, 2016

Swiss Environmental Microbiology Symposium 2016

Kongressraum 4

09:00-09:15

Welcome

chaired by Christof Holliger

09:15-12:30

Session I

09:15-09:45

The ecology of microbial biofilms in streams

Tom Battin, CH, Lausanne

09:45-10:00

Short talk selected from abstracts

10:00-10:15

Short talk selected from abstracts

10:15-10:30

Short talk selected from abstracts

10:30-11:00

Coffee Break

Session II

11:00-11:30

Phytoplankton chytrids: unknown, unloved, underestimated

Bastiaan Ibelings, CH, Geneva

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

12:30-14:00

Lunch Break

13:00-14:00

Students' Skills and Career Workshop

Foyer Nord

chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

13:00-14:00

Lunchworkshop: BD Symposium

14:00-17:00**Session III**

14:00-14:30

TBA

Jakob Pernthaler, CH, Zürich

14:30-14:45

Short talk selected from abstracts

14:45-15:00

Short talk selected from abstracts

15:00-15:15

Short talk selected from abstracts

15:15-15:30

Short talk selected from abstracts

15:30-16:00**Coffee Break****16:00-18:00****Session IV**

16:00-16:30

Combining stable isotope labelling and single-cell analysis to elucidate the function of microorganisms in soil

Dagmar Woebken, A, Wien

16:30-16:45

Short talk selected from abstracts

16:45-17:00

Short talk selected from abstracts

17:00-17:15

Short talk selected from abstracts

17:15-17:30

Short talk selected from abstracts

17:30-17:45

Short talk selected from abstracts

17:45-18:00

Short talk selected from abstracts

Students' Party**19:30 Eventforum Bern**

June 13, 2016

Swiss Mycology Symposium 2016

Kongressraum 7

09:00-09:05

Welcome

Chaired by Dominique Sanglard

09:05-10:35

Session I: Fundamental mycology, Yeast Molecular Biology

Chaired by Serge Pelet

09:05-09:35

How do cells distinguish self from non-self DNA? Insights from fungi

Yves Barral, CH, Zürich

09:35-09:55

Rapid asymmetric induction of meiosis prevents polyploidy in fission yeast

Aleksandar Vjestica, CH, Lausanne

09:55-10:10

Short talk selected from abstracts

10:10-10:25

Short talk selected from abstracts

10:25-10:40

Short talk selected from abstracts

10:40-11:00

Coffee Break

Session II: Fungal Interactions

Chaired by Pilar Junier

11:00-11:30

Improving the world's food supply using microbes: The power of fungal genetics

Ian Sanders, CH, Lausanne

11:30-11:45

Short talk selected from abstracts

11:45-12:00

Short talk selected from abstracts

12:00-12:15

Short talk selected from abstracts

12:15-12:30

Short talk selected from abstracts

12:30-14:00

Lunch Break

13:00-14:00

Students' Skills and Career Workshop

Foyer Nord

Chaired by Alexis Dumoulin

13:00-13:30

How to get published

Alina Helsloot, Elsevier, NL, Amsterdam

13:30-14:00

How to find a job outside of academia

Tobias Ernberg, Coulter Partners, CH, Eysins

13:00-14:00 Lunchworkshop: BD Symposium

14:00-17:00 Session III

Chaired by Salomé Leibundgut-Landmann

14:00-14:30 Novel insights in antifungal host-defense

Frank Van de Veerdonk, NL, Nijmegen

14:30-14:50 Short talk selected from abstracts

14:50-15:05 Short talk selected from abstracts

15:05-15:20 Short talk selected from abstracts

15:20-15:35 Short talk selected from abstracts

15:35-16:00 Coffee Break

16:00-16:15 Short talk selected from abstracts

16:15-16:30 Short talk selected from abstracts

16:30-18:00 Session IV: Antifungal development

Chaired by Dominique Sanglard

16:30-17:00 Friend or Foe? How yeast genetics helps to identify novel antifungal targets

Dominic Hoepfner, CH, Novartis Basel

17:00-17:15 Short talk selected from abstracts

17:15-17:30 Short talk selected from abstracts

17:30-17:45 Short talk selected from abstracts

17:45-18:00 Short talk selected from abstracts

Students' Party

19:30 Eventforum Bern